

Title (en)
METHODS AND SYSTEMS FOR INSTRUMENT VALIDATION

Title (de)
VERFAHREN UND SYSTEME ZUR VALIDIERUNG VON MESSGERÄTEN

Title (fr)
PROCÉDÉS ET SYSTÈMES POUR LA VALIDATION DES INSTRUMENTS

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Application
EP 16706289 A 20160205

Priority

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Abstract (en)
[origin: WO2016127032A1] A method for validating an instrument is provided. The method includes receiving amplification data from a validation plate to generate a plurality of amplification curves (102, 202). The validation plate includes a sample of a first quantity and a second quantity, and each amplification curve includes an exponential region. The method further includes determining a set of fluorescence thresholds based on the exponential regions of the plurality of amplification curves (104, 204) and determining, for each fluorescence threshold of the set, a first set of cycle threshold (Ct) values of amplification curves generated from the samples of the first quantity and a second set of Ct values of amplification curves generated from the samples of the second quantity (106, 206). The method includes calculating if the first and second quantities are sufficiently distinguishable based on Ct values at each of the plurality of fluorescence thresholds (108, 208-218).

IPC 8 full level
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Citation (examination)
UNKNOWN: "TaqMan RNase P 96-Well Instrument Verification Plate", 24 January 2005 (2005-01-24), XP055557460, Retrieved from the Internet
<URL:https://web.archive.org/web/20050124043426if_/http://docs.appliedbiosystems.com:80/pebi docs/04314333.pdf> [retrieved on 20190215]

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KR 102434235 B1 20220822; KR 20170134361 A 20171206; RU 2017131048 A 20190306; SG 11201706250V A 20170830;
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